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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	L	ATTORNEY DOCKET NO.	CONFIRMATION NO
09/704,881	11/02/2000	Richard L. Watkins		4022.000007	~ 4644
759	90 08/29/2003				12
Harness Dickey & Pierce PLC		*	•	EXAMINER MIGGINS, MICHAEL C	
P O Box 828 Bloomfield Hills, MI 48303		•	•		
	· s	•		ART UNIT	. PAPER NUMBER
•		•		- 1772	
				DATE MAILED: 08/29/200	3

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Please find below and/or attached an Office communication concerning this application or proceeding.

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•	Application No.	Applicant(s)	
Office Antique Occupants	09/704,881 WATKINS, RICHARD L.		
Offic Action Summary	Examiner	Art Unit	
	Michael C. Miggins	1772	
The MAILING DATE of this communication ap Period for Reply	pears on the cover sheet with th	e correspondence address	
A SHORTENED STATUTORY PERIOD FOR REPL THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1. after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a rep. If NO period for reply is specified above, the maximum statutory period. Failure to reply within the set or extended period for reply will, by statut Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b). Status	.136(a). In no event, however, may a reply be ply within the statutory minimum of thirty (30) I will apply and will expire SIX (6) MONTHS fr te, cause the application to become ABANDO	days will be considered timely. Tom the mailing date of this communication. The mailing date of this communication.	
1) Responsive to communication(s) filed on <u>09</u>	July 2003 .		
2a)⊠ This action is FINAL . 2b)□ T	his action is non-final.		
3) Since this application is in condition for allow closed in accordance with the practice under Disposition of Claims			
4) Claim(s) 1-29 is/are pending in the application	on.		
4a) Of the above claim(s) is/are withdra	awn from consideration.		
5) Claim(s) is/are allowed.			
6)⊠ Claim(s) <u>1-29</u> is/are rejected.			
7) Claim(s) is/are objected to.			
8) Claim(s) are subject to restriction and/	or election requirement.		
Application Papers			
9)☐ The specification is objected to by the Examin	er.		
10) ☐ The drawing(s) filed on is/are: a) ☐ acce	epted or b) objected to by the E	xaminer.	
Applicant may not request that any objection to the	• ,	• •	
11)☐ The proposed drawing correction filed on	is: a)	proved by the Examiner.	
If approved, corrected drawings are required in re	• •		
12)☐ The oath or declaration is objected to by the E	xaminer.		
Priority under 35 U.S.C. §§ 119 and 120			
13) Acknowledgment is made of a claim for foreig	n priority under 35 U.S.C. § 119	9(a)-(d) or (f).	
a) ☐ All b) ☐ Some * c) ☐ None of:			
1. Certified copies of the priority documen	nts have been received.		
2. Certified copies of the priority documen	nts have been received in Applic	ation No	
 3. Copies of the certified copies of the price application from the International B * See the attached detailed Office action for a lis 	ureau (PCT Rule 17.2(a)).		
14) Acknowledgment is made of a claim for domes			
a) ☐ The translation of the foreign language pr 15)☐ Acknowledgment is made of a claim for domes			
Attachment(s)	,,		
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s)	5) Notice of Inform	nary (PTO-413) Paper No(s) nal Patent Application (PTO-152)	

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DETAILED ACTION

WITHDRAWN REJECTIONS

1. There are no withdrawn rejections.

REJECTIONS REPEATED

2. The 35 USC 102(b) rejection of claims 1 and 5-8 as being aniticipated by Welhart et al. is repeated for the reasons of record in paper #10, pages 2-3, paragraphs 4-5. The 35 USC 103(a) rejection of claims 4 and 9-29 as being unpatentable over Welhart et al. in view of Blonk et al. is repeated for the reasons of record in paper #10, pages 3-6, paragraphs 6-7. The 35 USC 103(a) rejection of claim 3 as being unpatentable over Welhart et al. in view of Wang et al. is repeated for the reasons of record in paper #10, pages 6-7, paragraph 8.

NEW REJECTIONS

3. There are no new rejections.

ANSWERS TO APPLICANT'S ARGUMENTS

4. Applicant's arguments filed 7/9/03 have been fully considered but they are not persuasive.

Applicant has argued that the cited prior art of record does not teach applicant's claimed method having at least two steps, a first step of forming a laminate and a second step of annealing the laminate. Applicant has argued that the Welhart patent

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teaches a method in which, in a single step, cast sheets of poly (methyl methacrylate) and polycarbonate are formed into a laminate with heat and pressure and that the Welhart patent does not teach or disclose a second step in which the laminate is then annealed according to the instant invention. This argument is not found persuasive. Welhart teaches a first step of forming a laminate (column 4, lines 53-75 and columns 7-8). The sheets 6, 4 and 8, which are initially separated, are brought in contact with one another under vacuum and a pressure of 1000 p.s.i thus forming a laminate after which, the heat is applied between 200 and 400 degrees F (column 4, lines 53-75). Furthermore, Welhart specifically states that a layer of Plexiglass II was first bonded to the polycarbonate (column 8, lines 1-5). Therefore, Welhart teaches a method having at least two steps, a first step of forming a laminate and a second step of annealing the laminate as claimed by applicant.

Applicant has argued that the combination of Welhart and Blonk is improper because Blonk destroys the intent, purpose, or function of the reference. Applicant argues specifically that Welhart discloses a process for making aircraft windows and canopies. While Welhart does disclose that his laminates can be used for aircraft windows and canopies, Welhart is also concerned with providing a laminate which possesses high strength and shatter resistant. The laminates taught in Blonk fulfill these requirements, especially in light of the fact that the laminates of Blonk are flexible, and further provides laminates which can be used as bladders which are elastic and have very low gas transmission rates. Therefore one of ordinary skill in the art would have been motivated to combine Welhart and Blond in order to provide laminates which

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can be used as bladders which are elastic and have very low gas transmission rates.

Furthermore, applicant's method steps of providing a laminate and then annealing are taught by Welhart as discussed above so the combination provides all of applicant's limitations as claimed.

In response to applicant's argument that the combination of Welhart and Blonk is improper because Blonk destroys the intent, purpose, or function of the reference, the test for obviousness is not whether the features of a secondary reference may be bodily incorporated into the structure of the primary reference; nor is it that the claimed invention must be expressly suggested in any one or all of the references. Rather, the test is what the combined teachings of the references would have suggested to those of ordinary skill in the art. See *In re Keller*, 642 F.2d 413, 208 USPQ 871 (CCPA 1981).

In response to applicant's argument that there is no suggestion to combine the Welhart and Wang references, the examiner recognizes that obviousness can only be established by combining or modifying the teachings of the prior art to produce the claimed invention where there is some teaching, suggestion, or motivation to do so found either in the references themselves or in the knowledge generally available to one of ordinary skill in the art. See *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988)and *In re Jones*, 958 F.2d 347, 21 USPQ2d 1941 (Fed. Cir. 1992). In this case, the motivation to combine comes from the Wang reference in that the materials used in Wang provide laminates with a high strength thermoplastic polymer and improved mechanical properties.

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Applicant has argued that the combination of Welhart and Wang is improper because substitution of the Wang materials is inappropriate to the purposes and objectives of the Welhart patent. Applicant argues specifically that Welhart discloses a process for making aircraft windows and canopies. While Welhart does disclose that his laminates can be used for aircraft windows and canopies, Welhart is also concerned with providing a laminate which possesses high strength and shatter resistant. The laminates taught in Wang fulfill these requirements, especially in light of the fact that the laminates of Wang comprise high strength thermoplastic polymers which are light weight. Furthermore, applicant's method steps of providing a laminate and then annealing are taught by Welhart as discussed above so the combination provides all of applicant's limitations as claimed.

Conclusion

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

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the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael C. Miggins whose telephone number is (703) 305-0915. The examiner can normally be reached on Monday-Friday; 1:30-10:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Pyon Harold can be reached on (703) 308-4251. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0661.

MCM 25, 2003

SUPERVISORY PATENT EXAMINER